

(PCT Article 36 and Rule 70)

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/019295

## Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the **elements** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1-26 as originally filed/furnished
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the claims:
- nos. 2-5, 7 as originally filed/furnished
- nos.\* \_\_\_\_\_ as amended (together with any statement) under Article 19
- nos.\* 1, 6 received by this Authority on 04.11.2005
- nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the drawings:
- sheets fig. 1-8 as originally filed/furnished
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1.	Statement		
	Novelty (N)	Claims <u>1-7</u>	YES
		Claims _____	NO
	Inventive step (IS)	Claims <u>1-7</u>	YES
		Claims _____	NO
	Industrial applicability (IA)	Claims <u>1-7</u>	YES
		Claims _____	NO
2.	Citations and explanations (Rule 70.7)		
	<u>Claims 1 to 7</u>		
	Document 1: JP 08-212561 A (Sony Corp.), 20 August 1996, paragraphs [0013] to [0019] and [0025], and fig. 1 and 2 & US 6424614 B1		
	Document 2: JP 09-259438 A (Fujitsu Ten Ltd.), 03 October 1997, paragraphs [0011] to [0020] and fig. 1 to 4 (Family: none)		
	Document 3: JP 11-025608 A (Sanyo Electric Co.), 29 January 1999, paragraphs [0012] to [0015] and fig. 1 and 2 (Family: none)		
	Document 4: JP 09-069264 A (Matsushita Electric Ind. Co., Ltd.), 11 March 1997, paragraphs [0056] to [0097] and fig. 4 to 8 & US 5729525 A		
	Document 5: JP 2003-132630 A (Hitachi, Ltd.), 09 May 2003, paragraphs [0005] to [0016] and [0040], and fig. 3 & US 2003/0081525 A1		
	Document 6: JP 2001-148166 A (Pioneer Electronics Corp.), 29 May 2001, paragraphs [0098] to [0107] and fig. 8 to 9 & EP 1083748 A2		
	Document 7: JP 62-066491 A (Toshiba Corp.), 25 March 1987, page 3, upper right column, line 4 to lower right column, line 5 and fig. 2 (Family: none)		

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Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

The inventions set forth in claims 1 to 7 are not disclosed in any of documents 1 to 7; therefore, the inventions in question are novel and involve an inventive step. In particular, documents 1 to 7 do not disclose the feature wherein the first dummy data section of the recording information is written on the first recording layer starting from the loopback address as a portion of the first buffer area, and the second dummy data section of the aforementioned recording information is written on the second recording layer up to the corresponding address in the aforementioned second recording layer, which corresponds to the aforementioned loopback address, as a portion of the second buffer area. On the other hand, the inventions set forth in the present application exhibit an advantageous effect in that it is possible to achieve a reduction in the recording period while also ensuring the continuity of the recording information that is being recorded over a first recording layer and a second recording layer as a result of the feature in question.